

145800
422753

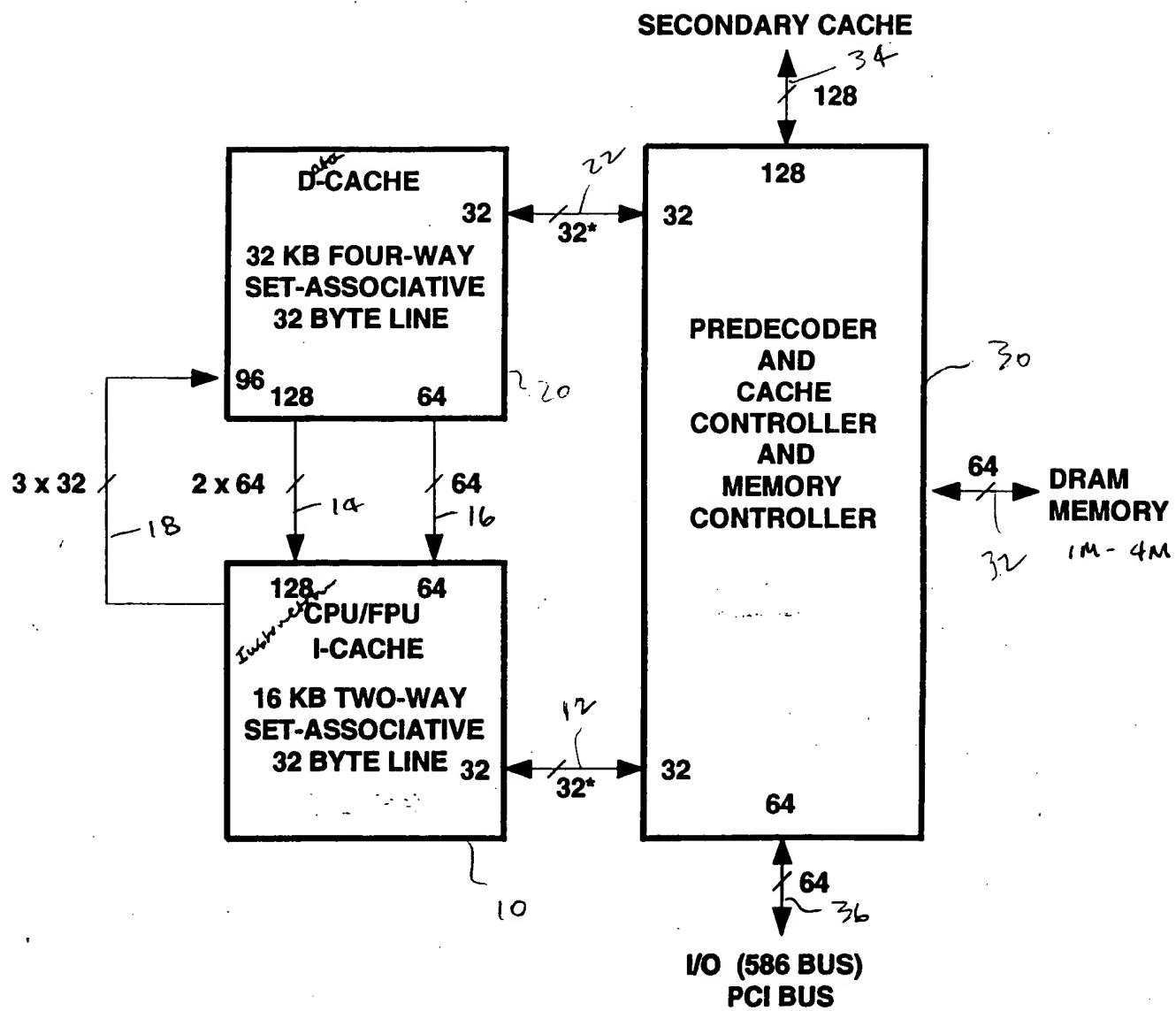


Figure 1

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Figure 2

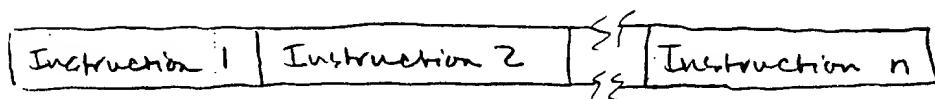


Figure 3

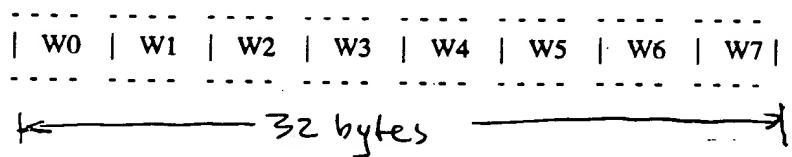


Figure 4

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S	=	0	0	0	0	0	0	0	0								
			w0		w1		w2		w3		w4		w5		w6		w7
		[group 0]					

Figure 5a

S	=	0	0	1	1	1	0	0	0								
			w0		w1		w2		w3		w4		w5		w6		w7
		[group 0]	[group 1									[group 2]

Figure 5b

S	=	0	1	0	1	0	1	0	1																
			w0		w1		w2		w3		w4		w5		w6		w7								
		[g0]	[g1]	[g2]	[g3]	[g4]	[g5]	[g6]	[g7]

Figure 5c

63	59	56		0
			INSTRUCTION	
4	3		57	

Figure 6

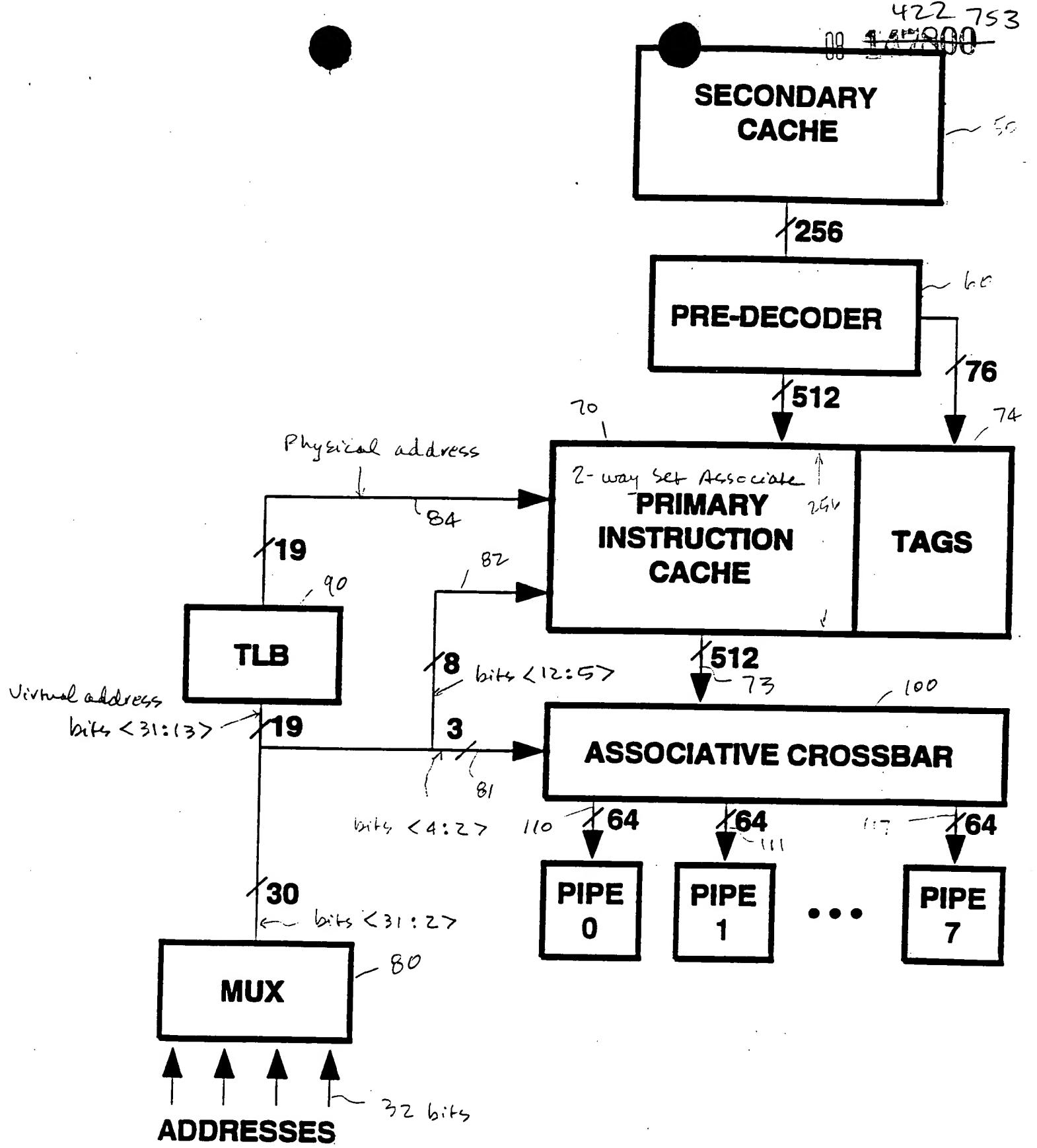


Figure 8

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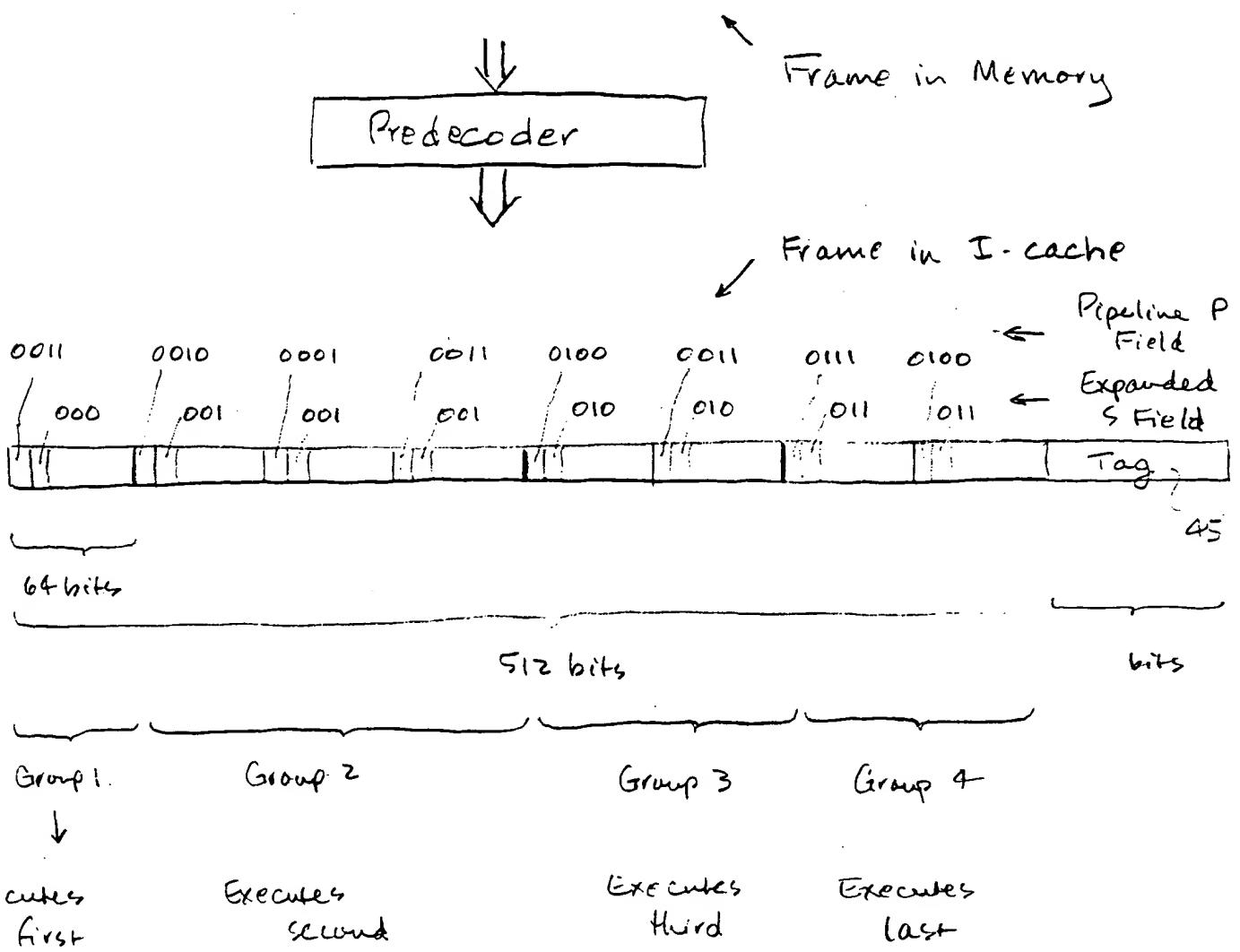
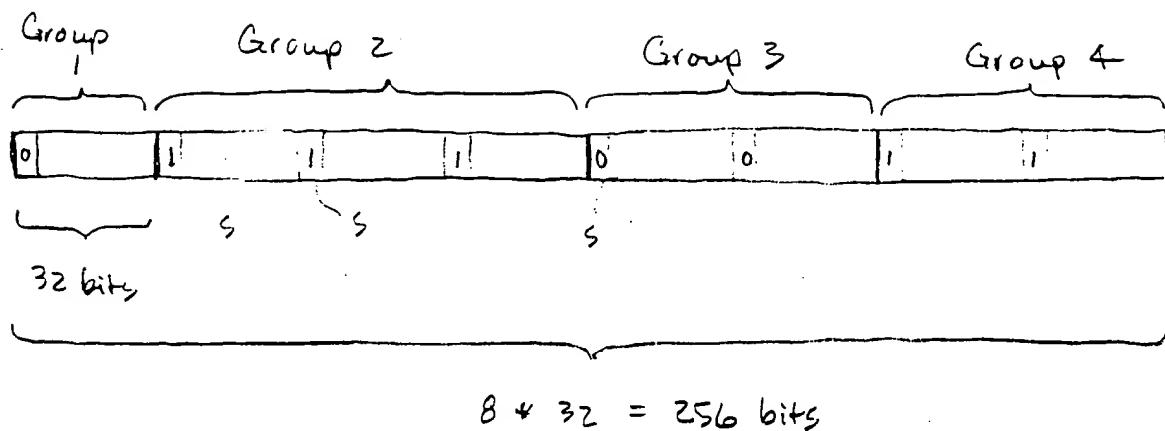


Figure 7

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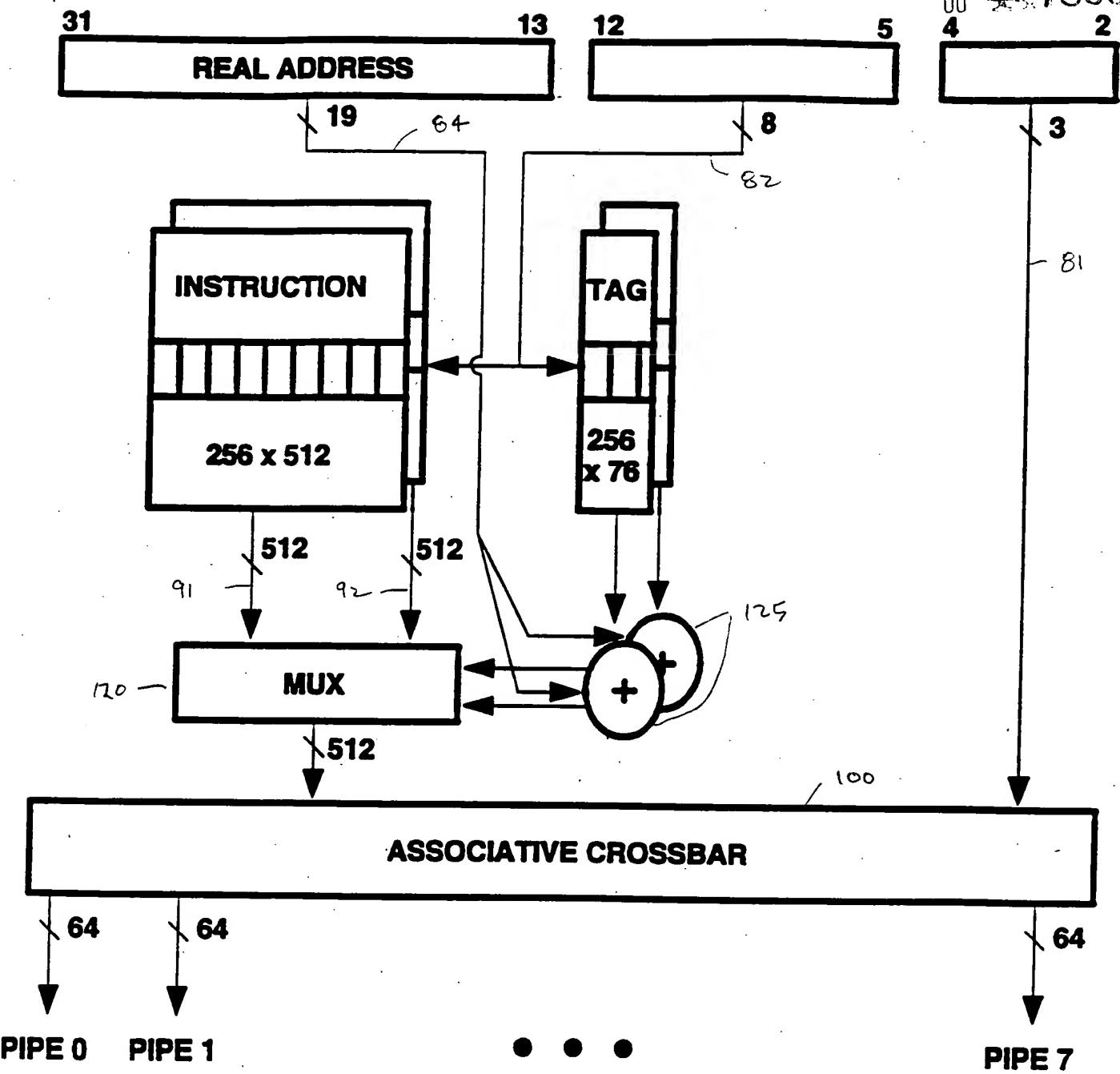


Figure 9

Figure 9

\bar{g}

$$\begin{array}{r} 4 \quad 3 \quad 2 \\ \boxed{0 \quad 1 \quad 1} - 14c \end{array}$$

Group 1 Group 2

Group 0

W0	W1	W2	W3	W4	W5	W6	W7
10	30	11	31	14	12	62	W7
PS							

130 —

Figure 11

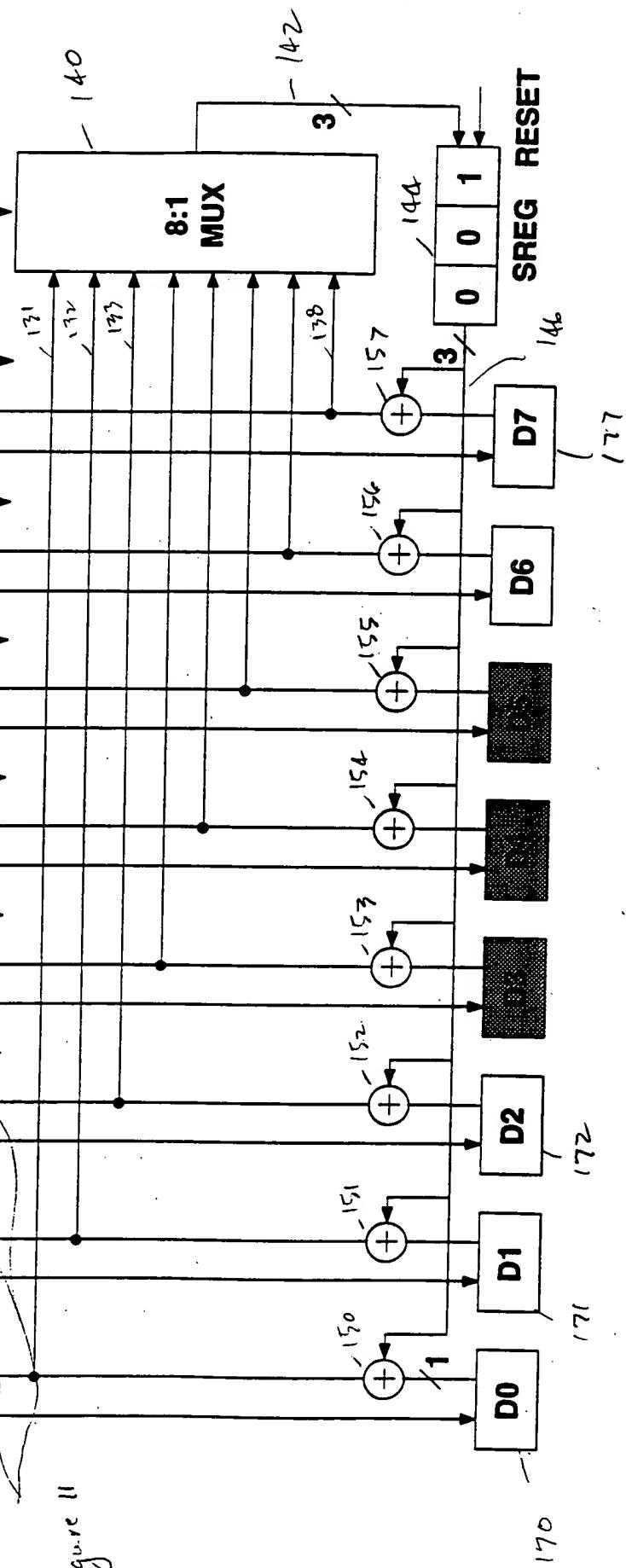


Figure 10

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from Figure 10

INSTRUCTION WORD PATHS

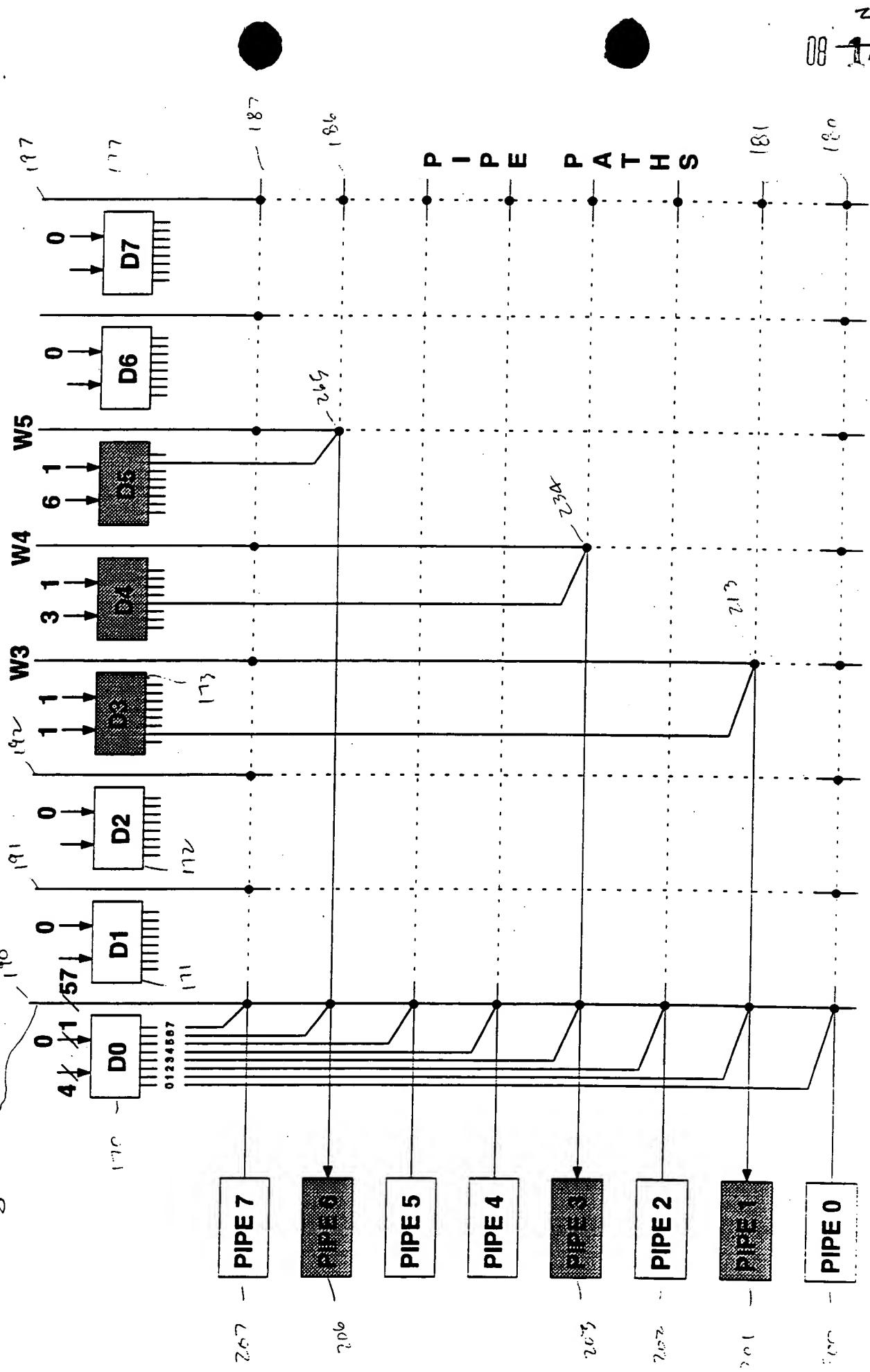


Figure 11

ALU	ALU	LOAD	STORE	LOAD	FP	FP	Br
-----	-----	------	-------	------	----	----	----

0	0	0	0	1	1	1	2
---	---	---	---	---	---	---	---

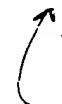
Group Tag


Figure 12

CLOCK 1 -	ALU	ALU	LOAD	STORE
CLOCK 2 -	LOAD	FP	FP	
CLOCK 3 -	BRANCH			

Figure 13

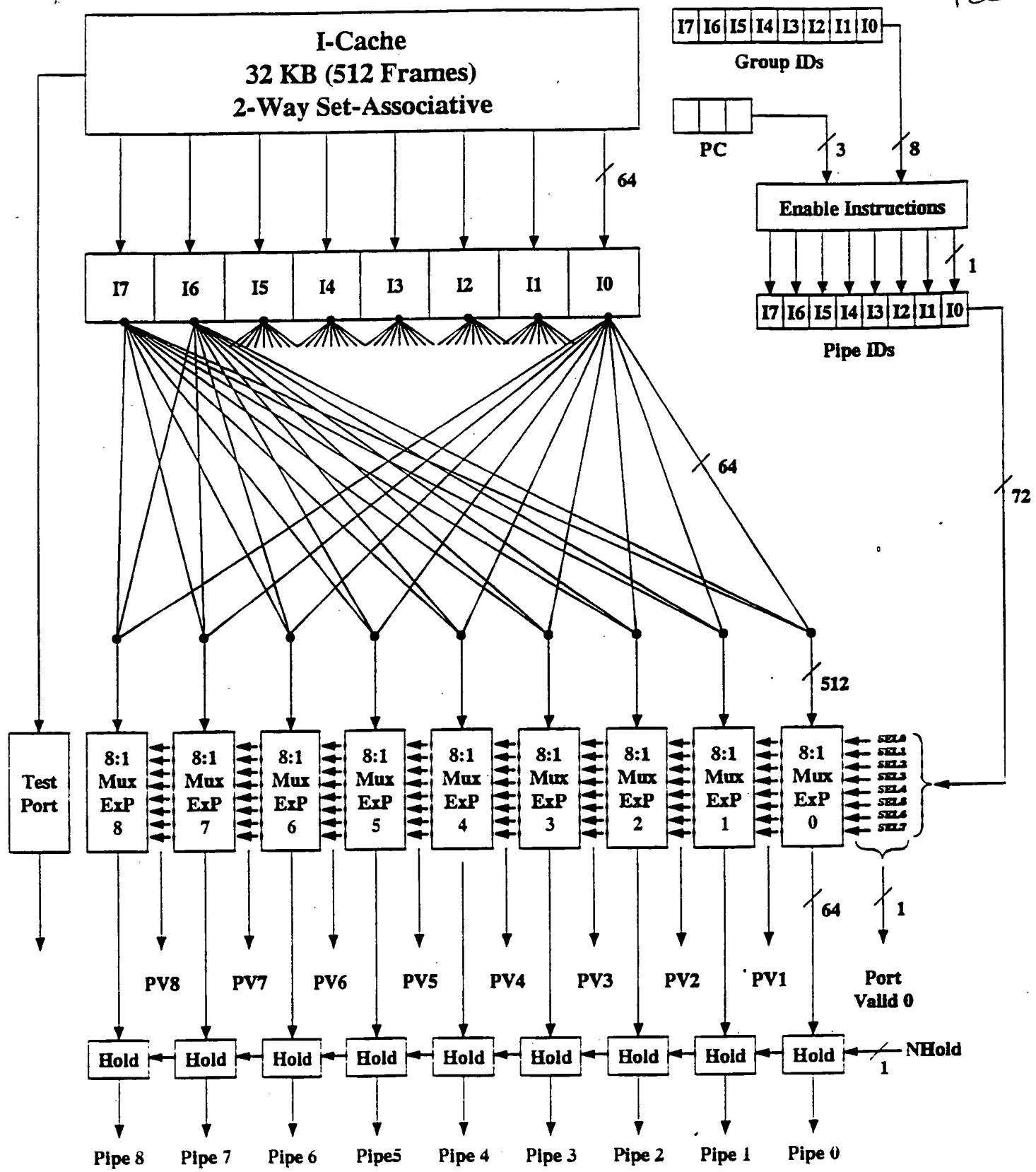


Figure 14-

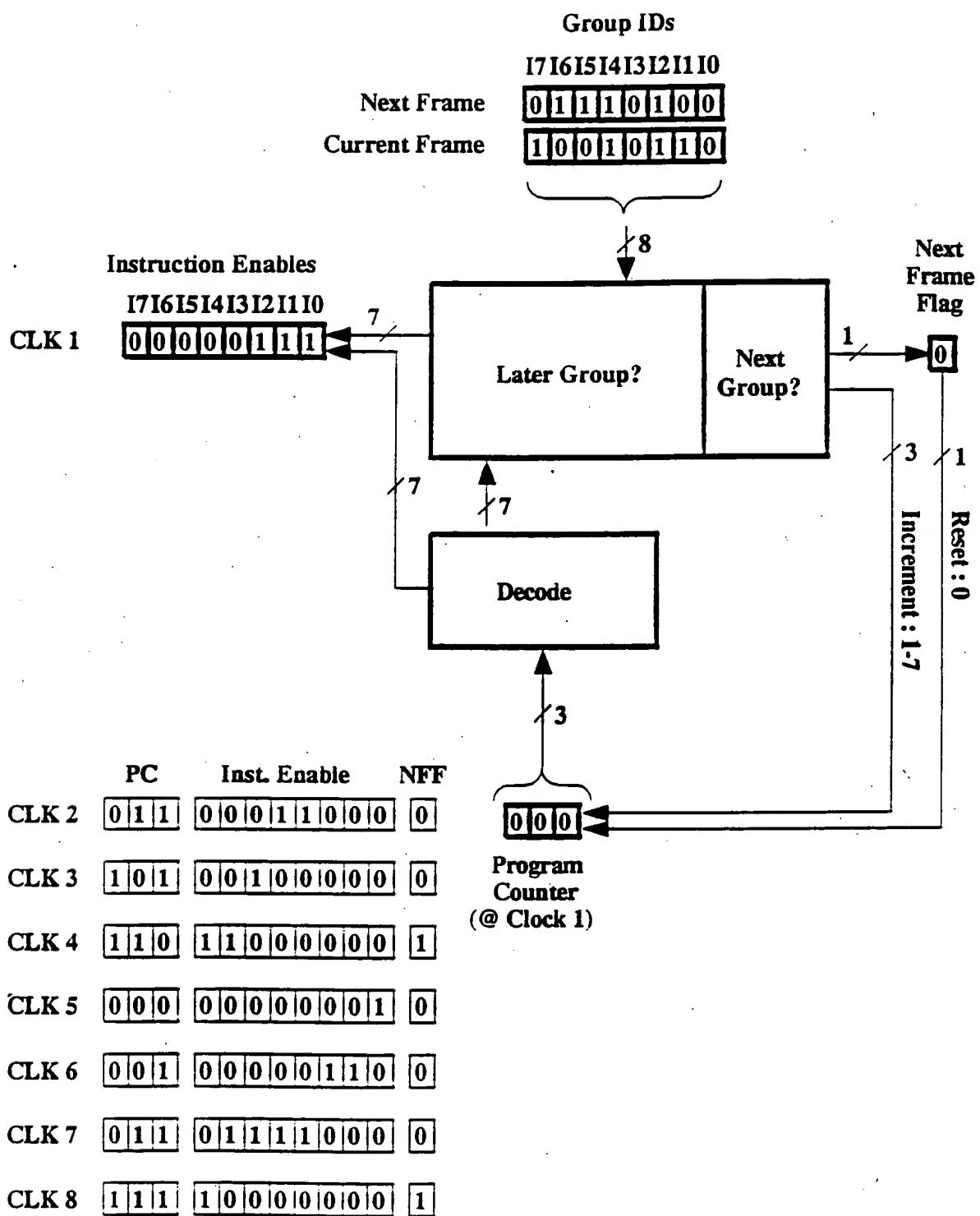


Figure 15